

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	122	362/296.07.ccls.	US-PGPUB	OR	ON	2010/05/24 09:47
L2	189	362/296.07.ccls.	USPAT	OR	OFF	2010/05/24 09:48
L3	122	362/296.07.ccls.	US-PGPUB	OR	OFF	2010/05/24 09:49
L4	497	362/800.ccls.	US-PGPUB	OR	OFF	2010/05/24 09:51
L5	2070	362/800.ccls.	USPAT	OR	OFF	2010/05/24 09:52
L6	312	362/545.ccls.	US-PGPUB	OR	OFF	2010/05/24 09:58
L7	699	362/545.ccls.	USPAT	OR	OFF	2010/05/24 09:59
L8	61	362/546.ccls.	US-PGPUB	OR	OFF	2010/05/24 10:04
L9	295	362/546.ccls.	USPAT	OR	OFF	2010/05/24 10:05
L10	218	362/249.02.ccls.	US-PGPUB	OR	OFF	2010/05/24 10:06
L11	222	362/249.02.ccls.	USPAT	OR	OFF	2010/05/24 10:09
L12	93	362/327.ccls.	US-PGPUB	OR	OFF	2010/05/24 10:11
L13	401	362/327.ccls.	USPAT	OR	OFF	2010/05/24 10:12
L14	230	362/341.ccls.	US-PGPUB	OR	OFF	2010/05/24 10:14
L15	495	362/341.ccls.	USPAT	OR	OFF	2010/05/24 10:15
L16	1294	313/113.ccls.	USPAT	OR	OFF	2010/05/24 10:16
L17	173	313/113.ccls.	US-PGPUB	OR	OFF	2010/05/24 10:18
L18	16	313/114.ccls.	US-PGPUB	OR	OFF	2010/05/24 10:19
L19	265	313/114.ccls.	USPAT	OR	OFF	2010/05/24 10:19
L25	79	((LEE) near2 (WENG)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/24 10:28

L26	150	((NG) near2 (YEAN)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/24 10:31
L27	28	((LEE) near2 (EE)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/24 10:35
S1	95	362/296.ccls.	US-PGPUB	OR	OFF	2007/01/11 18:28
S2	745	362/296.ccls.	USPAT	OR	OFF	2006/06/25 14:56
S3	406	362/800.ccls.	US-PGPUB	OR	OFF	2006/06/25 14:57
S4	1455	362/800.ccls.	USPAT	OR	OFF	2006/06/25 14:58
S5	207	362/545.ccls.	US-PGPUB	OR	OFF	2006/06/25 14:59
S6	406	362/545.ccls.	USPAT	OR	OFF	2006/06/25 15:00
S7	261	362/546.ccls.	USPAT	OR	OFF	2006/06/25 15:01
S8	37	362/546.ccls.	US-PGPUB	OR	OFF	2006/06/25 15:02
S9	261	362/546.ccls.	USPAT	OR	OFF	2006/06/25 15:03
S10	290	362/249.ccls.	US-PGPUB	OR	OFF	2006/06/25 15:04
S11	1189	362/249.ccls.	USPAT	OR	OFF	2006/06/25 15:05
S12	48	362/327.ccls.	US-PGPUB	OR	OFF	2006/06/25 15:06
S13	317	362/327.ccls.	USPAT	OR	OFF	2006/06/25 15:07
S14	75	362/341.ccls.	US-PGPUB	OR	OFF	2006/06/25 15:08
S15	411	362/341.ccls.	USPAT	OR	OFF	2006/06/25 15:09
S16	1192	313/113.ccls.	USPAT	OR	OFF	2006/06/25 15:09
S17	84	313/113.ccls.	US-PGPUB	OR	OFF	2006/06/25 15:11
S18	6	313/114.ccls.	US-PGPUB	OR	OFF	2006/06/25 15:11
S19	239	313/114.ccls.	USPAT	OR	OFF	2006/06/25 17:08
S20	2	"20030116769".pn. or "20030141510".pn.	US-PGPUB	OR	OFF	2006/06/25 17:08
S21	0	"2003116769".pn.	US-PGPUB	OR	OFF	2007/01/11 18:28
S22	1	"20030116769".pn.	US-PGPUB	OR	OFF	2007/01/11 18:28

S23	105	362/296.ccls.	US-PGPUB	OR	OFF	2007/01/11 19:12
S24	758	362/296.ccls.	USPAT	OR	OFF	2007/01/11 19:13
S25	444	362/800.ccls.	US-PGPUB	OR	OFF	2007/01/11 19:14
S26	1540	362/800.ccls.	USPAT	OR	OFF	2007/01/11 19:15
S27	461	362/545.ccls.	USPAT	OR	OFF	2007/01/11 19:18
S28	461	362/545.ccls.	USPAT	OR	OFF	2007/01/11 19:19
S29	230	362/545.ccls.	US-PGPUB	OR	OFF	2007/01/11 19:20
S30	262	362/546.ccls.	USPAT	OR	OFF	2007/01/11 19:20
S31	37	362/546.ccls.	US-PGPUB	OR	OFF	2007/01/11 19:21
S32	331	362/249.ccls.	US-PGPUB	OR	OFF	2007/01/11 19:22
S33	1228	362/249.ccls.	USPAT	OR	OFF	2007/01/11 19:23
S34	53	362/327.ccls.	US-PGPUB	OR	OFF	2007/01/12 10:04
S35	328	362/327.ccls.	USPAT	OR	OFF	2007/01/12 10:05
S36	96	362/341.ccls.	US-PGPUB	OR	OFF	2007/01/12 10:07
S37	423	362/341.ccls.	USPAT	OR	OFF	2007/01/12 10:08
S38	1208	313/113.ccls.	USPAT	OR	OFF	2007/01/12 10:09
S39	104	313/113.ccls.	US-PGPUB	OR	OFF	2007/01/12 10:10
S40	8	313/114.ccls.	US-PGPUB	OR	OFF	2007/01/12 10:16
S41	0	US-3780357-\$.DID. OR US-5177593-\$.DID. OR US-5317196-\$.DID. OR US-5907151-\$.DID. OR US-6204523-\$.DID. OR US-6355946-\$.DID. OR US-6507049-\$.DID. OR US-6705748-\$.DID. OR US-6828170-\$.DID.	US-PGPUB	OR	OFF	2007/01/12 10:16

S42	9	US-3780357-\$.DID. OR US-5177593-\$.DID. OR US-5317196-\$.DID. OR US-5907151-\$.DID. OR US-6204523-\$.DID. OR US-6355946-\$.DID. OR US-6507049-\$.DID. OR US-6705748-\$.DID. OR US-6828170-\$.DID.	USPAT	OR	OFF	2007/01/12 10:16
S43	776	362/296.ccls.	USPAT	OR	OFF	2007/06/29 17:30
S44	472	362/800.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:31
S45	1616	362/800.ccls.	USPAT	OR	OFF	2007/06/29 17:32
S46	248	362/545.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:34
S47	498	362/545.ccls.	USPAT	OR	OFF	2007/06/29 17:35
S48	266	362/546.ccls.	USPAT	OR	OFF	2007/06/29 17:36
S49	37	362/546.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:36
S50	362	362/249.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:37
S51	1269	362/249.ccls.	USPAT	OR	OFF	2007/06/29 17:38
S52	57	362/327.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:40
S53	335	362/327.ccls.	USPAT	OR	OFF	2007/06/29 17:42
S54	116	362/341.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:42
S55	435	362/341.ccls.	USPAT	OR	OFF	2007/06/29 17:43
S56	1222	313/113.ccls.	USPAT	OR	OFF	2007/06/29 17:44
S57	118	313/113.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:45
S58	11	313/114.ccls.	US-PGPUB	OR	OFF	2007/06/29 17:47
S59	246	313/114.ccls.	USPAT	OR	OFF	2007/06/29 18:03
S60	1416994	LED or (light with diode) or (luminous with diode) or (luminescent with diode) or (solid with state) or (light with semi\$1conductor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:24

S61	744035	ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:24
S62	81928	S60 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:26
S63	1348983	(metal\$3 or Au or gold or Ag or silver or Cu or copper) with (coat\$3 or paint\$3 or layer or adher\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:27
S64	36504	S62 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:37
S65	2316268	transparent or clear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:38
S66	18601	S64 and S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:39
S67	9462839	side or sidewall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:39
S68	15710	S66 and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:40
S69	6668052	(cavity or hole or opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:40
S70	2736895	S69 same S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:42

S71	6274	S68 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:43
S72	248023	(unitary or one or unit) same ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:43
S73	2955	S71 and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:46
S74	8897278	hous\$3 or cas\$3 or box \$3 or enclosure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S75	1416994	LED or (light with diode) or (luminous with diode) or (luminescent with diode) or (solid with state) or (light with semi\$1conductor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S76	744035	ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S77	81928	S75 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S78	1348983	(metal\$3 or Au or gold or Ag or silver or Cu or copper) with (coat\$3 or paint\$3 or layer or adher\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S79	36504	S77 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S80	2316268	transparent or clear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48

S81	18601	S79 and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S82	9462839	side or sidewall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S83	15710	S81 and S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S84	6668052	(cavity or hole or opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S85	2736895	S84 same S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S86	6274	S83 and S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 18:48
S87	1416994	LED or (light with diode) or (luminous with diode) or (luminescent with diode) or (solid with state) or (light with semi\$1conductor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:25
S88	906360	S87 and (hous\$3 or cas \$3 or box\$3 or enclos \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:26
S89	6668052	(cavity or hole or opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:27
S90	458104	S88 and S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:41

S91	1348983	(metal\$3 or Au or gold or Ag or silver or Cu or copper) with (coat\$3 or paint\$3 or layer or adher\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:41
S92	86987	S90 and S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:42
S93	2316268	transparent or clear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:42
S94	46201	S92 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:46
S95	10716364	side or sidewall or wall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:46
S96	41971	S94 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:50
S97	248023	(unitary or one or unit) same ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:50
S98	5389	S96 and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:53
S99	5389	S98 and ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:54
S100	424	S99 and ("362"/\$.ccls. or "313"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 19:55



S101	7	"1,340,443".pn. "3,821,590".pn. "4,600,977".pn. "6,186,649".pn. "6,707,069".pn. "6,715,901".pn. "6,897,490".pn.	USPAT	OR	OFF	2007/07/02 10:50
S102	3	S101 and ceramic	USPAT	OR	OFF	2007/07/02 11:52
S103	0	10/812526	USPAT	OR	OFF	2007/07/02 11:52
S104	1	10/812526	US-PGPUB	OR	OFF	2007/07/02 12:07
S105	1	"6,355,946".pn.	USPAT	OR	OFF	2007/07/02 12:13
S106	1509	stamp\$3 with ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 12:13
S107	9	S106 and "362"/\$.cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 12:14
S108	27	S106 and "313"/\$.cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 12:14
S109	4	"6,355,946".pn. "5,686,790".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:51

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	29930	((side or sidewall or wall) and (LED or (light with diode) or (luminescent with diode or (luminous with diode) or (light with semi\$1conductor)) and ceramic)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/24 10:21

L21	11339	((side or sidewall or wall) same (LED or (light with diode) or (luminescent with diode or (luminous with diode) or (light with semi\$1conductor))) same ceramic)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/24 10:22
L22	11316	((side or sidewall or wall) same (LED or (light with diode) or (luminescent with diode or (luminous with diode) or (light with semi\$1conductor))) same (ceramic with unitary))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/24 10:22
L23	0	((side or sidewall or wall) same (LED or (light with diode) or (luminescent with diode or (luminous with diode) or (light with semi\$1conductor)))) same (ceramic with unitary)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/24 10:24
L24	119	((side or sidewall or wall) same (LED or (light with diode) or (luminescent with diode or (luminous with diode) or (light with semi\$1conductor)))) same ceramic).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/24 10:25

**5/ 24/ 2010 11:20:35 AM**

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